

abstract

Light curtain comprising two long assemblies defining between them an area to be monitored.

Each assembly P1, P2 comprises with regard to the other assembly a striped surface of light 13 and dark areas 12 thus forming a grid. A linear or matrix receiver having a suitable optic picks up the image from the grid and the processing means of the two assemblies process the corresponding image signals to send an intrusion signal. Each assembly should preferably have two receivers RH1, RB1; RH2, RB2 near its ends and the optic associated to each receiver should cover the whole length of the opposite assembly, and the processing means should carry out a redundant processing of the images of the monitored area.

figure 2

